IPL Visualization

Summary Report

IPL Visualization - Insights

Insights

1. Fielding is a favorable Toss Decision.

2. Teams have won the Season by winning an average of 13,12 or 11 matches throughout the season.

3. More than 50% of teams have higher win percentage in Away Grounds.

196 Out of 320 Matches have been won with the Toss Decision of Fielding.

In all the Seasons the winning team has cumulative wins of 10 and above.

Home Ground has provided favorable wins for Deccan Chargers and Pune Warriors. Away has provided favorable wins for Sunrisers Hyderabad, Rajasthan Royals and Chennai Super Kings.

IPL Visualization Story

IPL Visualization Assignment

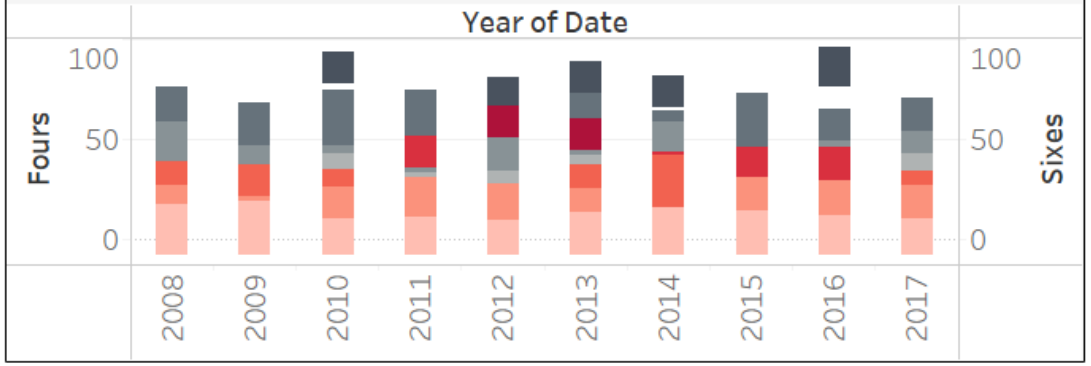
Match Statistics | Player Statistics | Team Statistics

Player Statistics

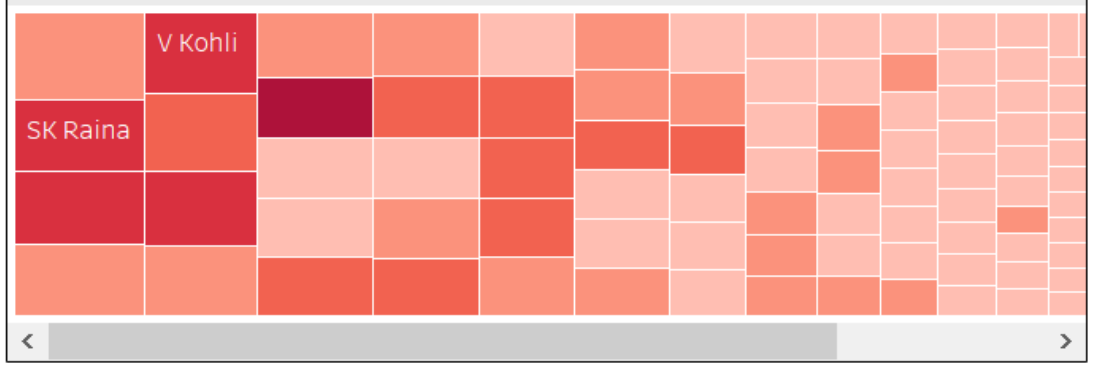
Orange Cap Contenders

Purple Cap Contenders

Batsmen who have hit the most no. of boundaries (by season)



Batsmen who have hit the most no. of boundaries (Overall)



Highlight Batsman
Highlight Batsman

Highlight Bowler
Highlight Bowler

Fours
0 88

Sixes
0 59

IPL Visualization Dashboards

Match Statistics

- Toss Outcome Vs Match Outcome (for each Venue)
- Biggest Wins (by runs and by wicket)
- Highest Totals (across all the seasons)

Player Statistics

- Orange Cap Contenders
- Purple Cap Contenders
- Batsmen with highest number of fours and sixes (per season and overall)

Team Statistics

- Season-wise team performance (wins vs losses)
- Win %age (home vs away)

Match Statistics - Insights

Insights

1. Fielding is a favorable Toss Decision.

2. Mumbai Indians, Royal Challengers Bangalore and Kolkata Knight Riders are the top 3 winners by runs and wickets.

3. Royal Challengers Bangalore and Chennai Super Kings have scored highest runs across seasons.

196 Out of 320 Matches have been won with the Toss Decision of Fielding.

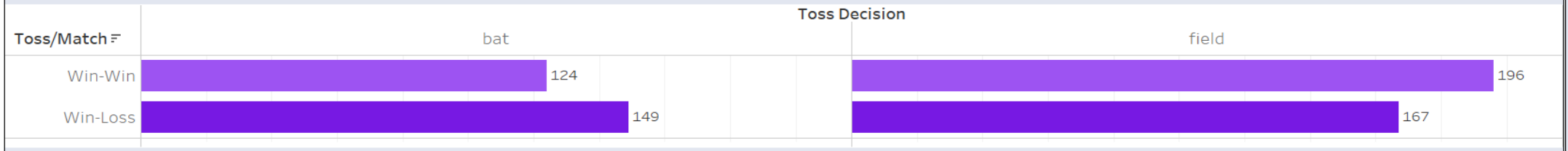
Maximum Runs of 146,144 and 140 were scored by Winning Teams: Mumbai Indians, Royal Challengers Bangalore and Kolkata Knight Riders.

Top 3 Total Runs include 263,248 and 246 scored by Royal Challengers Bangalore and Chennai Super Kings.

Match Statistics Dashboard

Match Statistics

Toss vs Match Outcome (by venue)

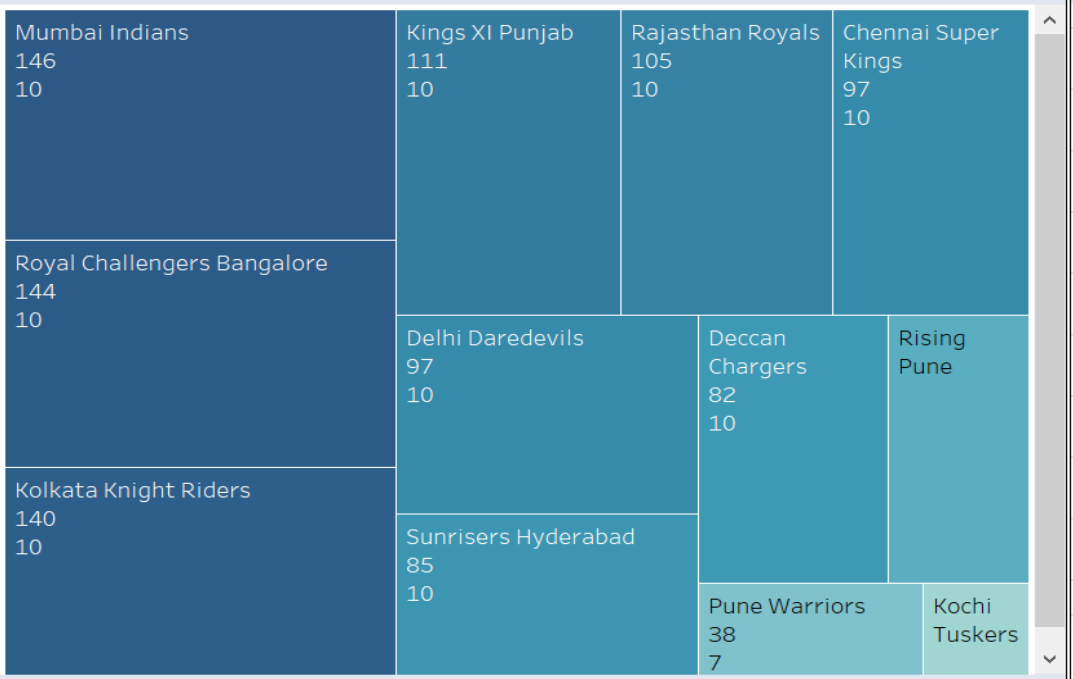


Venue
(All)

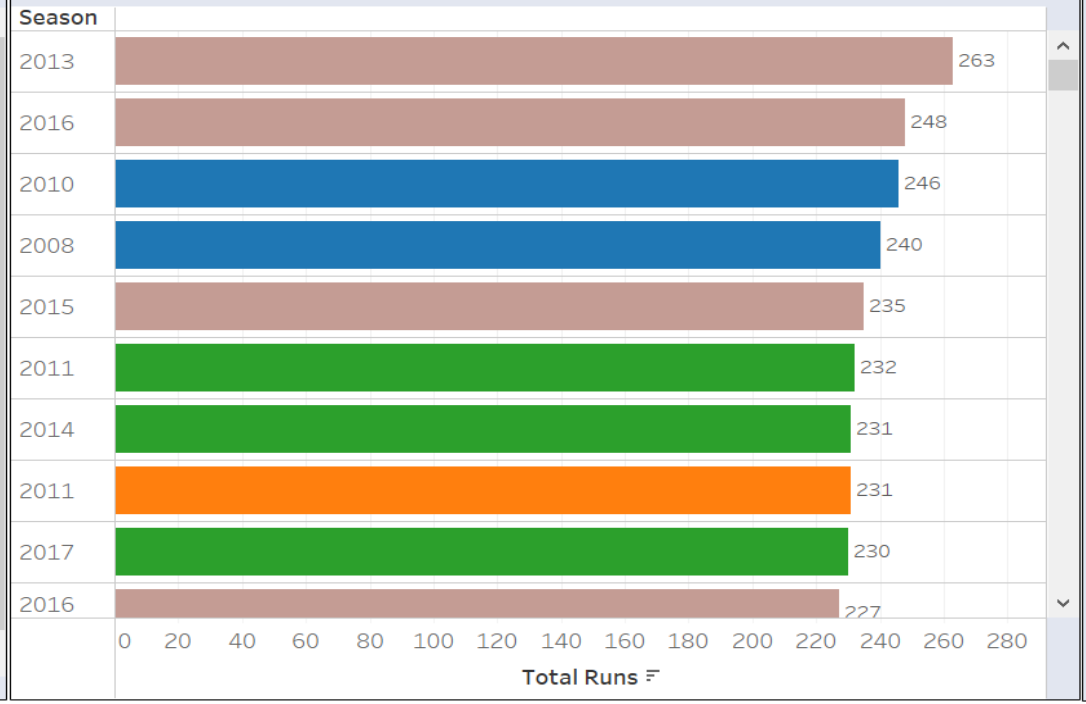
Toss/Match
Win-Loss
Win-Win

Highlight Batting Team
Highlight Batting Team

Biggest Win (by runs and by wickets)



Highest Runs (across the seasons)



Match Statistics – Graphs

Toss Vs. Match Outcome (by Venue)

Graph Type: Horizontal Bars

Filter: Venue

Calculated Field: Toss/Match

Biggest Wins (by runs and by wicket)

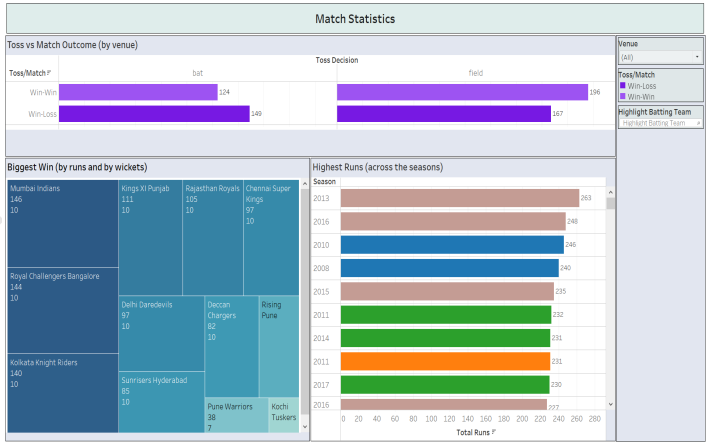
Graph Type: Heatmap

Filter: Venue

Highest Runs across Seasons

Graph Type: Horizontal Bars

Filters: Inning & Venue



Player Statistics - Insights

Insights

1. Virat Kohli, Michael Hussey and Chris Gayle are the highest scoring Orange Contenders.

2. Dwayne Bravo, SL Malinga, B Kumar, M Morkel, RP Singh and MM Sharma are the top 6 Purple Contenders.

3. David Warner, Sachin Tendulkar and Virat Kohli have scored highest number of fours across the IPL seasons from 2008 – 2017.

4. Chris Gayle scored the highest number of sixes across 4 seasons.

Batsmen have scored a maximum of 973, 733 and 641 runs in particular seasons and have won Orange Caps.

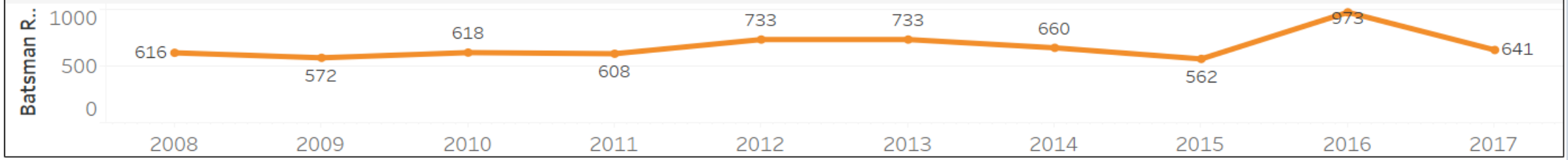
DJ Bravo scored a highest of 32 wickets in the 2013 IPL Season, followed by 28 wickets by Malinga in the 2011 IPL Season and 26 Wickets by DJ Bravo in 2015 and B Kumar in 2017.

DA Warner scored 88 Fours in the IPL Season 2016 and CH Gayle scored 59 Sixes in 2012.

Player Statistics Dashboard

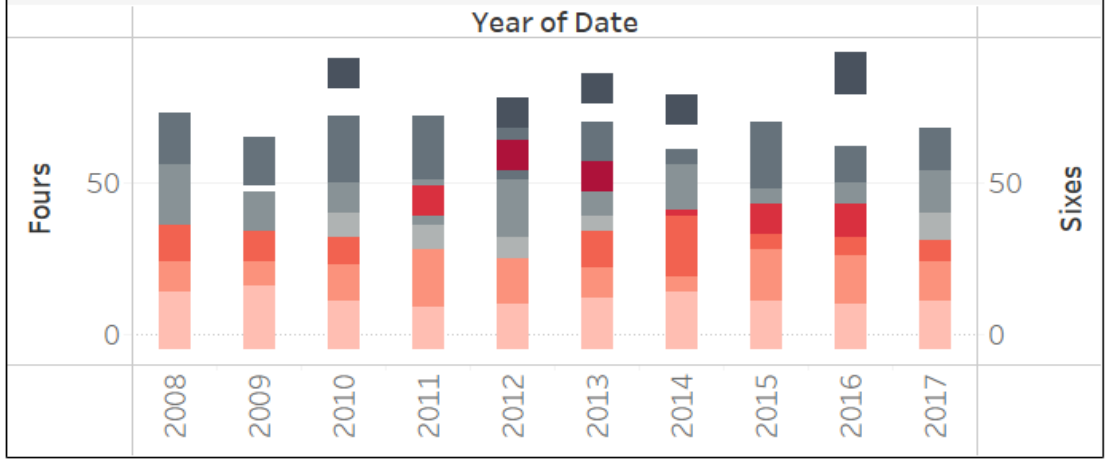
Player Statistics

Orange Cap Contenders

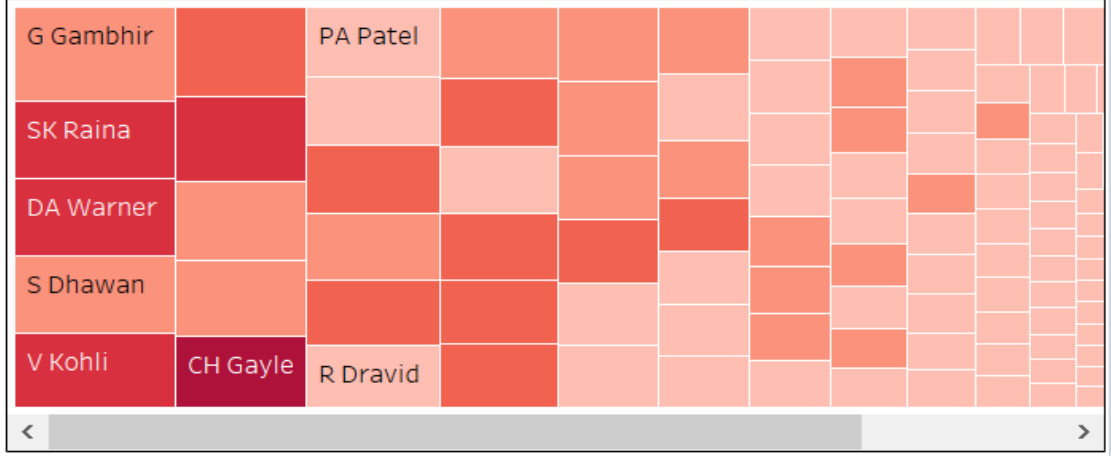


Purple Cap Contenders

Batsmen who have hit the most no. of boundaries (by season)



Batsmen who have hit the most no. of boundaries (Overall)



Highlight Batsman

Highlight Batsman

Highlight Bowler

Highlight Bowler

Fours

0 88

Sixes

0 59

Player Statistics – Graphs

Orange Cap Contenders

Graph Type: Line

Filter: Batsman

Purple Cap Contenders

Graph Type: Line

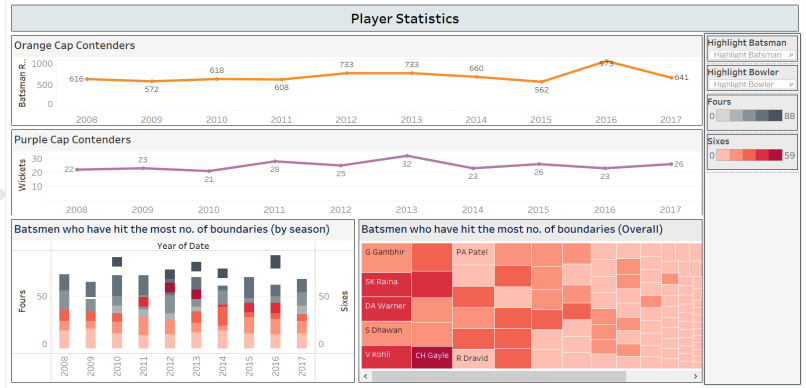
Filter: Bowler

Highest Number of Fours & Sixes by Batsmen

Graphs Type: Vertical Bars & Heatmap

Calculated Fields:

1. Fours
2. Sixes



Team Statistics - Insights

Insights

1. Mumbai Indians and Rajasthan Royals have won the highest number of matches followed by Chennai Super Kings, Kings Punjab and Kolkata Night Riders.

2. Teams have won the Season by winning an average of 13,12 or 11 matches throughout the season.

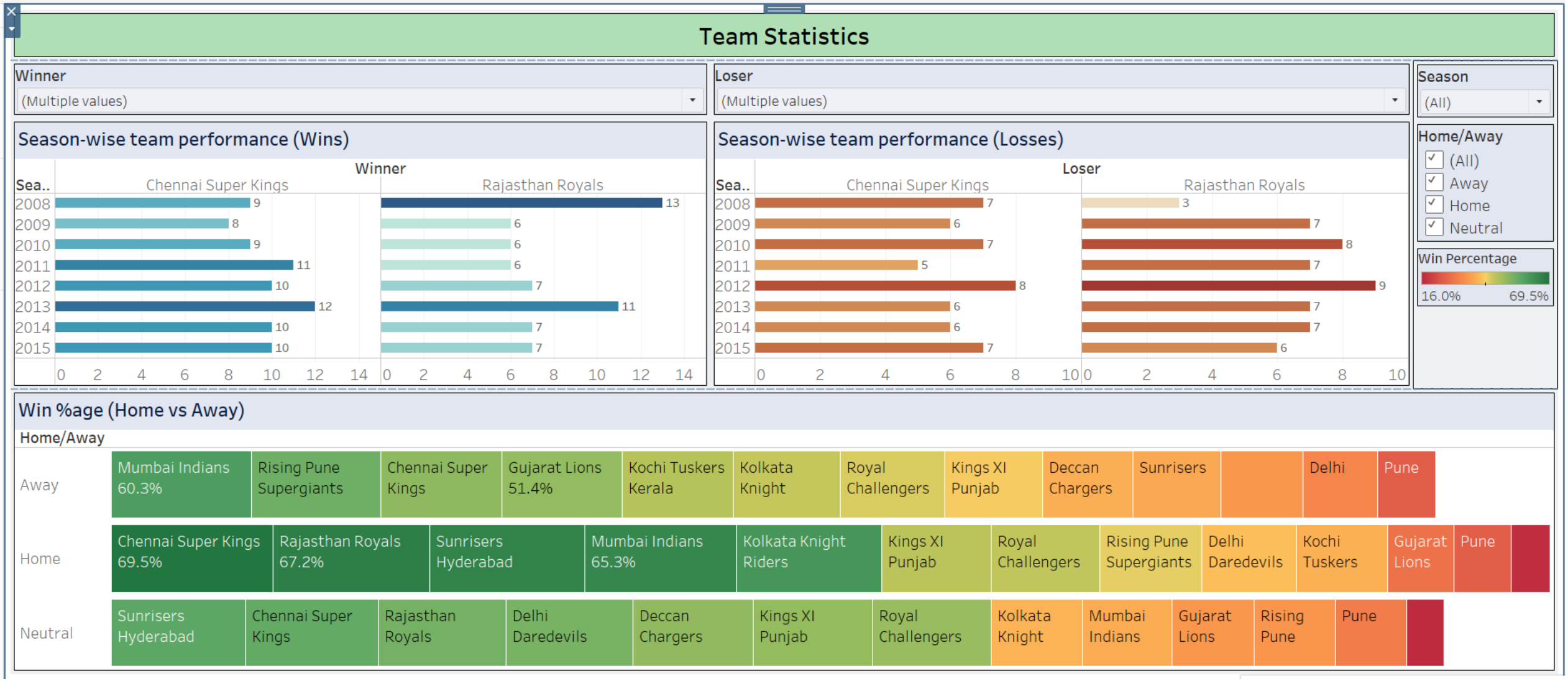
3. Chennai Super Kings have a consistent performance of wins ranging from 8-12 matches.

4. More than 50% of teams have higher win percentage in Away Grounds.

Mumbai Indians and Rajasthan Royals have won 13 matches in the 2013 and 2008 seasons.

Home Ground has provided favorable wins for Deccan Chargers and Pune Warriors. Away has provided favorable wins for Sunrisers Hyderabad, Rajasthan Royals and Chennai Super Kings.

Team Statistics Dashboard



Team Statistics – Graphs

Season Wise Team Performance

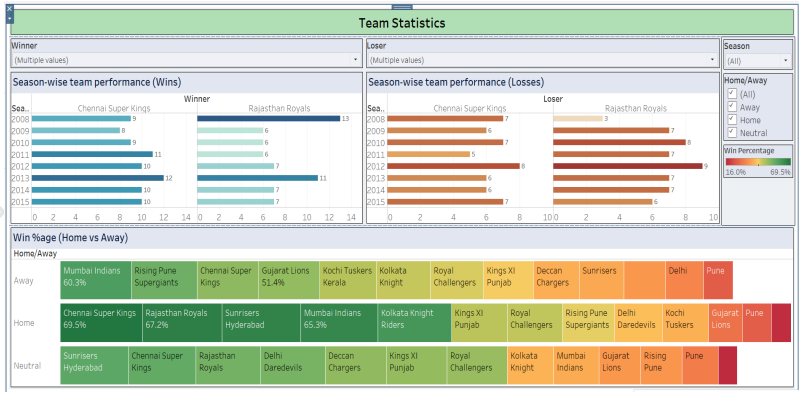
Graph Type: Horizontal Bar

Calculated Fields:
1. Loser

Win Percentage (Home/Away)

Graph Type: Tree Map

Calculated Field:
1. Home/Away
2. Win Count
3. Win Percentage



Conclusion

The Match, Player and Team Statistics collectively present a detailed analysis of the IPL Seasons from 2008 to 2017.

- Match Statistics presents insights on Toss Outcomes and highest runs.
- Players Statistics presents detailed analysis on the performance of the Players across Seasons.
- Team Statistics provides information on the Win/Loss counts along with Home/Away Grounds analysis.